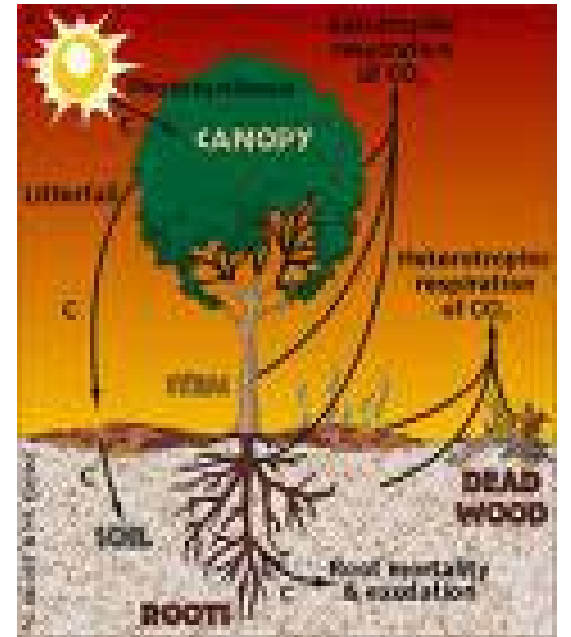


TERRESTRIAL PLANT & ANIMALS ROLE IN THE CARBON CYCLE



Carbon dioxide is removed from the atmosphere by producers: plants use CO_2 , sunlight and nutrients to make food through the process of **PHOTOSYNTHESIS**.

Some CO_2 is then released back into the atmosphere through **RESPIRATION** as the plants and animals break down their food to create energy.



Some of the Carbon is passed on and **CONSUMED** up the food chain from producers to primary consumers, omnivores and carnivores that depend on the various food sources for their energy.

Bacteria again play a vital role in the Terrestrial plant and animal carbon cycle by **DIGESTING** organic nutrients in food and helping animals to process waste products into the system.

Finally, deposited back into the soil to be **DECOMPOSED** it is broken down into organic matter, and somehow the byproduct CO_2 gas is released back into the atmosphere.

